



JRW300 Worm Gear Units

JIE Total Drive Solutions Provider

www.jie-drives.com

Model Structure

JRW H QC 3 38 B 40 K E Z T B7 HS 1 P24

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

1

Brand Code

JIE Worm Gear Reducer

2

Output Shaft Style

Blank – Solid Output Shaft
H – JIE Hollow Output (setscrews both sides, bore size selectable)
S – Hollow Output (setscrews one side, bore size fixed)

3

Input Shaft Style

Blank – Solid Projecting Input Shaft
F – Quill Style Motor Flange
RF – Coupling Style Motor Flange
QC – Quick Connect Motor Flange (close coupled)

4

3 – 300 Series

5

Center Distance(inches)

10 – 1.00, 13 – 1.33, 15 – 1.54, 18 – 1.75
21 – 2.06, 24 – 2.38, 26 – 2.62, 30 – 3.00
32 – 3.25, 38 – 3.75, 52 – 5.13, 60 – 6.00

6

Base/Mounting Attachment *

Blank – No Base
A – Horizontal base – Top Mount
B – Horizontal base – Bottom Mount
BRB – Riser Block – Top Mount
C – Vertical High base – Right Mount
D – Vertical Low base – Right Mount
E – Vertical High base – Left Mount
F – Vertical Low base – Left Mount
R – JIE Bracket – Right Mount
L – JIE Bracket – Left Mount
M – Conveyor Flange Adptr – Right Mount
N – Conveyor Flange Adptr – Left Mount
V – Hollow Output Flange – Right Mount
W – Hollow Output Flange – Left Mount
X – Vertical Base – Rear Mount
Y – Vertical Base – Front Mount

*Projection of Base/Flange/Bracket assumes one is always looking into the input shaft in the #1 mounting position.

7

Exact Gear Ratio

Ratio to 1
5, 7, 7.5, 10, 12, 15, 20
25, 30, 40, 50, 60, 80, 100
Or Consult Factory for Availability

8

Lubrication

Blank – No lubrication
K – Klubersynth UH1 6-460
S – Mobil SHC 634
X – Mobil 600W

9

Endcap or Fan

(332-360 only)
E – Endcap (standard)
F – Fan

10

Vent

Blank – Standard Vent
P – Pressure Vent

11

Oil Seal

Blank – Standard Seal
T – Two Standard Input Seals

12

NEMA Motor Mounting

Bore Code	NEMA Mounting	Input Bore	Keyway
B4	42CZ	.500"	1/8 x 1/16
B5	56C	.625	3/16 x 3/32
B7	140TC/180C	.875	3/16 x 3/32
B9	180TC/210C	1.125	1/4 x 1/8
B11	210TC/250UC	1.375	5/16 x 5/32
B13	250TC	1.625	3/8 x 3/16

Blank – Solid Input Shaft (No Flange)

13

Output Shaft

(When facing Input and worm on top)
G – Carbon Steel Output Projection – Left
H – Carbon Steel Double Output Projection
J – Carbon Steel Output Projection – Right

14

Mounting Positions

Blank – No Lubrication Supplied
For Factory Prelubrication Indicate Mounting Position
1 – Standard Mounting (Worm over)
2-6 – Refer to Mounting Positions

15

JIE Output Bore Code

For H Series Only Specified in 1/16" increments.
Example: 1 1/4" = P20

5/8 – **P10**, 3/4 – **P12**, 7/8 – **P14**, 15/16 – **P15**, 1 – **P16**, 1-1/16 – **P17**, 1-1/8 – **P18**, 1-3/16 – **P19**, 1-1/4 – **P20**
1-5/16 – **P21**, 1-3/8 – **P22**, 1-7/16 – **P23**, 1-1/2 – **P24**, 1-5/8 – **P26**, 1-11/16 – **P27**, 1-3/4 – **P28**, 1-7/8 – **P30**
1-15/16 – **P31**, 2 – **P32**, 2-1/8 – **P34**, 2-3/16 – **P35**, 2-1/4 – **P36**, 2-7/16 – **P39**, 3-7/16 – **P55**

Note:1. If you need motor, please note "with motor" and the model, power & poles of the motor. 2. Accessories are unassembled. You may assemble them according to your need. 3. Connect JIE for availability by center distance

Engineering Data

300 Series Single Reduction Output RPM & Capacity Selection Tables

Output RPM	Ratio	Non-Flanged Reducers					Flanged Reducers(Gearmotor)										Bore Code	Motors 230/460 VAC 3 Phase 60Hz		
		Gear Capacity			Efficiency	Size	Ratings			Avaliable Stylest										
		Output Torque lb.in.	Input	HP			Motor HP	Output Torque lb.in.	Service Class	L	QC	FAN	HF	SF	HQC	RF				
350	5	113	0.69	0.63	0.91	310-5	0.5	82	II								B5	FUTF		
							0.33	55	III										B4	AEUTF
							0.33	55	III										B5	EUTF
							0.25	41	III										B4	ADUTF
							0.25	41	III										B5	DUTF
							0.17	27	III										B4	ACUT
							0.17	27	III										B5	CUTF
		235	1.39	1.31	0.94	313-5	1	169	II								B5	HUTF-5/8		
							0.75	127	III										B5	GUTF
							0.5	85	III										B5	FUTF
		291	1.72	1.62	0.94	315-5	1.5	254	I								B7	JUTF		
							1	169	II										B5	HUTF-5/8
							0.75	127	III										B5	GUTF
		432	2.55	2.4	0.94	318-5	2	338	II								B7	KUTF		
							1.5	254	II										B7	JUTF
							1	169	III										B5	HUTF-5/8
		620	3.66	3.44	0.94	321-5	2	338	II								B7	KUTF		
							1.5	254	III										B7	JUTF
		838	4.95	4.65	0.94	324-5	5	838	I								B9	MUTF		
							3	508	II										B9	LUTF
		1034	6.11	5.74	0.94	326-5	5	846	I								B9	MUTF		
							3	508	III										B9	LUTF
		1408	8.32	7.82	0.94	330-5	5	846	II								B9	MUTF		
							3	508	III										B9	LUTF
		1716	10.05	9.54	0.95	332-5	10	1710	I								B11	PUTF		
							5	855	II										B9	MUTF
		2602	15.38	14.45	0.95	338-5	10	1710	II								B11	PUTF		
							5	855	III										B9	MUTF
		250	7	644	2.8	2.56	0.91	321-7	2	460	II							B7	KUTF	
									1.5	345	III									
0.33	104								II											B4
175	10	138	0.44	0.38	0.87	310-10	0.33	104	II							B5	EUTF			
							0.25	78	III										B4	ADUTF
							0.25	78	III										B5	DUTF
							0.75	245	I										B5	GUTF
		281	0.86	0.78	0.91	313-10	0.5	163	II								B5	FUTF		
							0.33	109	III										B5	EUTF
							1	330	I										B5	HUTF-5/8
		397	1.2	1.1	0.92	315-10	0.75	248	II								B5	GUTF		
							0.5	165	III										B5	FUTF
							1.5	499	I										B7	JUTF
		536	1.61	1.49	0.92	318-10	1	333	II								B5	HUTF-5/8		
							0.75	249	III										B5	GUTF
							2	674	I										B7	KUTF
		789	2.34	2.19	0.94	321-10	1.5	505	II								B7	JUTF		
							1	337	III										B5	HUTF-5/8
							3	1008	I										B9	LUT
		1069	3.18	2.97	0.93	324-10	2	672	II								B7	KUTF		
							1.5	504	III										B7	JUTF
							3	1024	II										B9	LUTF
		1345	3.94	3.74	0.95	326-10	2	683	III								B7	KUTF		
							1.5	512	III										B7	JUTF
							5	1692	I										B9	MUTF
		1787	5.28	4.96	0.94	330-10	3	1015	III								B9	LUTF		
							2	677	III										B7	KUTF

Engineering Data

300 Series Single Reduction Output RPM & Capacity Selection Tables

Output RPM	Ratio	Non-Flanged Reducers					Flanged Reducers(Gearmotor)										Bore Code	Motors 230/460 VAC 3 Phase 60Hz
		Gear Capacity			Efficiency	Size	Ratings			Available Stylest								
		Output Torque lb.in.	HP				Motor HP	Output Torque lb.in.	Service Class	L	QC	FAN	HF	SE	HQC	RF		
175	10	2106	6.22	5.85	0.94	332-10	5	1692	II								B9	MUTF
							3	1015	III								B9	LUTF
		2532	7.75	7.03	0.91	332-10F	5	1633	II								B9	MUTF
							3	980	III								B9	LUTF
		2834	8.37	7.87	0.94	338-10	7.5	2538	I								B11	NUTF
							5	1692	II								B9	MUTF
							3	1015	III								B9	LUTF
		3221	9.96	8.94	0.9	338-10F	10	3221	I								B11	PUTF
							7.5	2425	II								B11	NUTF
							5	1616	III								B9	LUTF
		5860	17.31	16.27	0.94	352-10	15	5076	I								B13	RUTF
							10	3384	II								B11	PUTF
							7.5	2538	III								B11	SUTF
		7182	21.63	19.94	0.92	352-10F	20	6640	I								B13	SUTF
							15	4979	II								B13	RUTF
							10	3319	III								B11	PUTF
		8067	23.83	22.4	0.94	360-10	20	6768	I								B13	SUTF
							15	5076	II								B13	RUTF
							10	3384	III								B11	PUTF
145.8	12	693	1.76	1.6	0.91	321-12	20	6624	II								B13	SUTF
							15	4968	III								B13	RUTF
		984	2.5	2.28	0.91	324-12	1.5	590	I								B7	JUTF
							1	394	III								B7	HUTF
							2	787	II								B7	KUTF
116.7	15						1.5	590	II								B7	JUTF
							1	394	III								B5	HUTF-5/8
		146	0.33	0.27	0.82	310-15	0.33	146	I								B4	AEUTF
							0.33	146	I								B5	EUTF
							0.25	111	II								B4	ADUTF
							0.25	111	II								B5	DUTF
							0.17	74	III								B4	ACUT
							0.17	74	III								B5	CUTF
		305	0.66	0.56	0.86	313-15	0.50	231	II								B5	FUTF
							0.33	154	III								B5	EUTF
		429	0.91	0.79	0.87	315-15	0.75	353	I								B5	GUTF
							0.5	235	II								B5	FUTF
							0.33	157	III								B5	EUTF
		552	1.13	1.02	0.9	318-15	1	489	I								B5	HUTF-5/8
							0.75	367	II								B5	GUTF
							0.5	244	III								B5	FUTF
		841	1.72	1.56	0.9	321-15	1.5	733	I								B7	JUTF
							1	489	II								B7	HUTF
							0.75	367	III								B5	GUTF
		1159	2.34	2.15	0.92	324-15	2	990	I								B7	KUTF
							1.5	743	II								B7	JUTF
							1	495	III								B7	HUTF
		1466	2.95	2.71	0.92	326-15	3	1466	I								B9	LUTF
							2	994	II								B7	KUTF
							1.5	745	III								B7	JUTF
		1969	3.97	3.64	0.92	330-15	3	1487	II								B9	LUTF
							2	991	III								B7	KUTF
		2344	4.65	4.34	0.93	332-15	3	1511	II								B9	LUTF
							2	1008	III								B7	KUTF
		2782	5.8	5.15	0.89	332-15F	5	2519	I								B9	MUTF
							3	1511	III								B9	LUTF

Engineering Data

300 Series Single Reduction Output RPM & Capacity Selection Tables

Output RPM	Ratio	Non-Flanged Reducers					Flanged Reducers(Gearmotor)										Bore Code	Motors 230/460 VAC 3 Phase 60Hz		
		Gear Capacity			Efficiency	Size	Ratings			Available Stylest										
		Output Torque lb.in.	Input	HP			Motor HP	Output Torque lb.in.	Service Class	L	OC	FAN	HF	SE	HQC	RF				
116.7	15	3155	6.28	5.84	0.93	338-15	5	2511	II								B9	MUTF		
							3	1507	III									B9	LUTF	
		3543	7.47	6.56	0.88	338-15F	7.5	3556	I								B11	NUTF		
							5	2371	II									B9	MUTF	
							3	1422	III								B9	LUTF		
							10	5065	II									B11	PUTF	
		6618	13.06	12.25	0.94	352-15	7.5	3799	II								B11	NUTF		
							5	2533	III									B9	MUTF	
		7829	16.32	14.49	0.89	352-15F	15	7193	I								B13	RUTF		
							10	4795	II									B11	PUTF	
							7.5	3596	III									B11	NUTF	
							15	7598	I									B13	RUTF	
		9055	17.87	16.76	0.94	360-15	10	5065	III									B11	PUTF	
							20	9590	I									B13	SUTF	
		10712	22.33	19.83	0.89	360-15F	15	7193	II									B13	RUTF	
10	4795						III									B11	PUTF			
87.5	20	149	0.27	0.21	0.77	310-20	0.25	138	I								B4	ADUTF		
							0.25	138	I									B5	DUTF	
							0.17	92	II										B4	ACUT
							0.17	92	II										B5	CUTF
		308	0.52	0.43	0.82	313-20	0.5	296	I									B5	FUTF	
							0.33	197	II									B5	EUTF	
							0.25	148	III									B5	DUTF	
							0.75	435	I									B5	GUTF	
		435	0.72	0.6	0.84	315-20	0.5	302	II									B5	FUTF	
							0.33	201	III									B5	EUTF	
							1	590	I									B5	HUTF-5/8	
							0.75	456	II									B5	GUTF	
		590	0.97	0.82	0.84	318-20	0.5	304	III									B5	FUTF	
							1	637	II									B5	HUTF-5/8	
							0.75	478	III									B5	GUTF	
							2	1233	I									B7	KUTF	
		1233	1.95	1.71	0.88	324-20	1.5	948	II									B7	JUTF	
							1	632	III									B5	HUTF-5/8	
							2	1267	I									B7	KUTF	
							1.5	950	II									B7	JUTF	
		1483	2.34	2.06	0.88	326-20	1	634	III									B5	HUTF-5/8	
							3	1933	I									B9	LUTF	
							2	1289	II									B7	KUTF	
							1.5	967	III									B7	JUTF	
		2024	3.14	2.81	0.89	330-20	3	1950	II									B9	LUTF	
							2	1300	III									B7	KUTF	
							2	1851	II									B9	LUTF	
							3	1234	III									B7	KUTF	
		2858	4.63	3.97	0.86	332-20F	5	3283	I									B9	MUTF	
							3	1970	II									B9	LUTF	
							2	1313	III									B7	KUTF	
							5	3114	I									B9	MUTF	
		3707	5.95	5.15	0.86	338-20F	3	1868	III									B9	LUTF	
							10	6703	I									B11	PUTF	
							7.5	5027	II									B11	NUTF	
							5	3352	III									B9	MUTF	
		6833	10.19	9.49	0.93	352-20	10	6336	II									B11	PUTF	
							7.5	4752	II									B11	NUTF	
							5	3168	III									B9	MUTF	
							7.5	4752	II									B11	NUTF	
		8075	12.74	11.21	0.88	352-20F	5	3168	III									B9	MUTF	

Engineering Data

300 Series Single Reduction Output RPM & Capacity Selection Tables

Output RPM	Ratio	Non-Flanged Reducers					Flanged Reducers(Gearmotor)										Bore Code	Motors 230/460 VAC 3 Phase 60Hz
		Gear Capacity			Efficiency	Size	Ratings			Available Stylest								
		Output Torque lb.in.	Input	HP			Motor HP	Output Torque lb.in.	Service Class	L	OC	FAN	HF	SF	HQC	RF		
87.5	20	9412	14.02	13.07	0.93	360-20	10	6310	II								B11	PUTF
							7.5	5033	III								B11	NUTF
		11080	17.52	15.38	0.88	360-20F	15	9482	I								B13	RUTF
							10	6322	III								B11	PUTF
70	25						0.33	238	II								B5	EUTF
		307	0.43	0.34	0.79	313-25	0.25	178	II								B5	DUTF
							0.17	119	III								B5	CUTF
							0.5	364	I								B5	FUTF
		437	0.6	0.49	0.81	315-25	0.33	243	II								B5	EUTF
							0.25	182	III								B5	DUTF
							0.75	566	I								B5	GUTF
		574	0.76	0.64	0.84	318-25	0.5	378	II								B5	FUTF
							0.33	252	III								B5	EUTF
							1	754	I								B5	HUTF-5/8
		875	1.16	0.97	0.84	321-25	0.75	566	II								B5	GUTF
							0.5	377	III								B5	FUTF
							1.5	1160	I								B7	JUTF
		1199	1.55	1.33	0.86	324-25	1	773	II								B5	HUTF-5/8
							0.75	580	III								B5	GUTF
							2	1514	I								B7	KUTF
		1514	1.94	1.68	0.87	326-25	1.5	1170	II								B7	JUTF
							1	780	III								B7	HUTF-5/8
							2	1571	II								B7	KUTF
		2051	2.61	2.28	0.87	330-25	1.5	1179	III								B7	JUTF
							3	2379	I								B9	LUTF
		2443	3.08	2.71	0.88	332-25	2	1586	II								B7	KUTF
							1.5	1189	III								B7	JUTF
		2891	3.85	3.21	0.84	332-25F	3	2252	II								B9	LUTF
							2	1501	III								B7	KUTF
58.3	30	150	0.2	0.14	0.69	310-30	0.17	125	I								B4	ACUT
							0.17	125	I								B5	CUTF
							0.33	265	I								B5	EUTF
		311	0.39	0.29	0.74	313-30	0.25	199	II								B5	DUTF
							0.17	133	III								B5	CUTF
							0.5	411	I								B5	FUTF
		445	0.54	0.41	0.76	315-30	0.33	274	II								B5	EUTF
							0.25	206	III								B5	DUTF
							0.5	441	II								B5	FUTF
		573	0.65	0.53	0.82	318-30	0.33	294	III								B5	EUTF
							0.25	220	III								B5	DUTF
							1	871	I								B5	HUTF-5/8
		871	0.99	0.81	0.81	321-30	0.75	659	II								B5	GUTF
							0.5	440	III								B5	FUTF
							1	902	II								B5	HUTF-5/8
		1200	1.33	1.11	0.83	324-30	0.75	676	III								B5	GUTF
							1.5	1358	I								B7	JUTF
		1521	1.68	1.41	0.84	326-30	1	905	II								B5	HUTF-5/8
							0.75	679	III								B5	GUTF
							2	1801	I								B7	KUTF
		2045	2.27	1.89	0.83	330-30	1.5	1351	II								B7	JUTF
							1	901	III								B5	HUTF-5/8
		2456	2.64	2.27	0.86	332-30	2	1860	II								B7	KUTF
							1.5	1395	III								B7	JUTF

Engineering Data

300 Series Single Reduction Output RPM & Capacity Selection Tables

Output RPM	Ratio	Non-Flanged Reducers					Flanged Reducers(Gearmotor)										Bore Code	Motors 230/460 VAC 3 Phase 60Hz			
		Gear Capacity			Efficiency	Size	Ratings			Avaliable Stylest											
		Output Torque lb.in.	Input	HP			Motor HP	Output Torque lb.in.	Service Class	L	OC	FAM	HF	SE	HQC	RF					
58.3	30	2902	3.3	2.69	0.81	332-30F	3	2637	I									B9	LUTF		
							2	1758	II										B7	KUTF	
							1.5	1319	III										B7	JUTF	
		3354	3.56	3.1	0.87	338-30	3	2825	I									B9	LUTF		
							2	1884	III										B7	KUTF	
		3757	4.23	3.48	0.82	338-30F	3	2663	II									B9	LUTF		
							2	1776	III										B7	KUTF	
		6964	7.3	6.45	0.88	352-30	5	4768	II									B9	PUTF		
							3	2861	III										B9	NUTF	
		8336	9.12	7.72	0.85	352-30F	7.5	6853	I									B11	NUTF		
							5	4568	III										B9	MUTF	
		9603	9.81	8.89	0.91	360-30	7.5	7339	II									B11	NUTF		
							5	4892	III										B9	MUTF	
		11219	12.26	10.38	0.85	360-30F	10	9148	I										B11	PUTF	
							7.5	6861	II										B11	NUTF	
							5	4574	III										B9	MUTF	
43.8	40	151	0.17	0.1	0.62	310-40	0.17	148	I									B4	ACUT		
							0.17	148	I											B5	CUTF
							307	0.31	0.21	0.69	313-40	0.25	248	II							
		0.17	165	III																B5	CUTF
		442	0.43	0.31	0.71	315-40	0.33	342	II									B5	EUTF		
							0.25	257	II											B5	DUTF
							0.17	171	III											B5	CUTF
		609	0.57	0.42	0.74	318-40	0.5	534	I										B5	FUTF	
							0.33	356	II											B5	EUTF
							0.25	267	III											B5	DUTF
		876	0.81	0.61	0.75	321-40	0.75	811	I										B5	GUTF	
							0.5	541	II											B5	FUTF
							0.33	360	III											B5	EUTF
		1206	1.08	0.84	0.77	324-40	1	1116	I										B5	HUTF-5/8	
							0.75	837	II											B5	GUTF
							0.5	558	III											B5	FUTF
1512	1.33	1.05	0.79	326-40	1	1136	II										B5	HUTF-5/8			
					0.75	852	III											B5	GUTF		
2041	1.78	1.42	0.8	330-40	1.5	1719	I										B7	JUTF			
					1	1146	II											B5	HUTF-5/8		
					0.75	860	III											B5	GUTF		
2444	2.1	1.7	0.81	332-40	2	2327	I										B7	KUTF			
					1.5	1745	II											B7	JUTF		
					1	1164	III											B5	HUTF-5/8		
2944	2.62	2.04	0.78	332-40F	2	2246	II										B7	KUTF			
					1.5	1685	III											B7	JUTF		
3320	2.8	2.3	0.82	338-40	2	2370	II										B7	KUTF			
					1.5	1778	III											B7	JUTF		
3747	3.33	2.6	0.78	338-40F	3	3374	I										B9	LUTF			
					2	2249	II											B7	KUTF		
6889	5.6	4.78	0.85	352-40	5	6149	I										B9	MUTF			
					3	3689	III											B9	LUTF		
8178	7	5.68	0.81	352-40F	5	5839	II										B9	MUTF			
					3	3504	III											B9	LUTF		
9566	7.65	6.64	0.87	360-40	7.5	9374	I										B11	NUTF			
					5	6250	II											B9	MUTF		
					7.5	8780	II											B11	NUTF		
11197	9.56	7.77	0.81	360-40F	5	5854	III										B9	MUTF			

Engineering Data

300 Series Single Reduction Output RPM & Capacity Selection Tables

Output RPM	Ratio	Non-Flanged Reducers					Flanged Reducers(Gearmotor)										Bore Code	Motors 230/460 VAC 3 Phase 60Hz		
		Gear Capacity			Efficiency	Size	Ratings			Available Stylest										
		Output Torque lb.in.	Input	Output			Motor HP	Output Torque lb.in.	Service Class	L	QC	FAN	HF	SE	HQC	RF				
35	50	153	0.15	0.09	0.57	310-50	0.17	153	I								B4	ACUT		
							0.17	153	I									B5	CUTF	
		297	0.25	0.17	0.66	313-50	0.25	297	I								B5	DUTF		
							0.17	198	II									B5	CUTF	
		429	0.35	0.24	0.68	315-50	0.33	409	I								B5	EUTF		
							0.25	306	II									B5	DUTF	
							0.17	204	III									B5	CUTF	
		573	0.44	0.32	0.72	318-50	0.33	434	II								B5	EUTF		
							0.25	325	III									B5	DUTF	
		857	0.66	0.48	0.72	321-50	0.5	649	II									B5	FUTF	
							0.33	433	III									B5	EUTF	
		1177	0.87	0.65	0.75	324-50	0.75	1014	I									B5	GUTF	
							0.5	676	II									B5	FUTF	
							0.33	451	III									B5	EUTF	
		1484	1.08	0.82	0.76	326-50	1	1373	I									B5	HUTF-5/8	
							0.75	1030	II									B5	GUTF	
							0.5	687	III									B5	FUTF	
		2016	1.45	1.12	0.77	330-50	1.5	2016	I									B7	JUTF	
							1	1390	II									B5	HUTF-5/8	
							0.75	1042	III									B5	GUTF	
		2403	1.7	1.33	0.78	332-50	1.5	2120	I									B7	JUTF	
							1	1413	II									B5	HUTF-5/8	
							0.75	1060	III									B5	GUTF	
		2791	2.12	1.55	0.73	332-50F	2	2632	I									B7	KUTF	
							1.5	1974	II									B7	JUTF	
							1	1316	III									B7	HUTF	
		3280	2.28	1.82	0.8	338-50	2	2876	I									B7	KUTF	
							1.5	2157	II									B7	JUTF	
							1	1438	III									B7	HUTF	
		3626	2.71	2.01	0.74	338-50F	2	2675	II									B9	KUTF	
							1.5	2006	III									B7	JUTF	
		6751	4.49	3.75	0.83	352-50	3	4509	II									B9	LUTF	
		7678	5.61	4.26	0.76	352-50F	5	6840	I										B9	MUTF
							3	4104	III									B9	LUTF	
		9378	6.12	5.21	0.85	360-50	5	7659	I										B9	MUTF
							3	4595	III									B9	LUTF	
		9836	7.65	5.46	0.71	360-50F	7.5	9639	I										B11	NUTF
							5	6426	II									B9	MUTF	
							3	3856	III									B9	LUTF	
29.2	60	144	0.12	0.07	0.55	310-60	0.17	144	I									B4	ACUT	
							0.17	144	I									B5	CUTF	
		271	0.22	0.13	0.57	313-60	0.17	201	II									B5	CUTF	
							0.25	356	I									B5	DUTF	
		399	0.28	0.18	0.66	315-60	0.17	238	II									B5	EUTF	
							0.33	502	I									B5	EUTF	
		527	0.35	0.24	0.7	318-60	0.25	376	II									B5	DUTF	
							0.17	251	III									B5	CUTF	
							0.5	751	I									B5	FUTF	
		826	0.55	0.38	0.69	321-60	0.33	500	II										B5	EUTF
							0.25	375	III									B5	DUTF	
							0.75	1128	I									B5	GUTF	
		1128	0.73	0.52	0.71	324-60	0.5	772	II										B5	FUTF
							0.33	515	III									B5	EUTF	
		1385	0.89	0.64	0.72	326-60	0.75	1166	I										B5	GUTF
							0.5	778	III									B5	FUTF	

Engineering Data

300 Series Single Reduction Output RPM & Capacity Selection Tables

Output RPM	Ratio	Non-Flanged Reducers					Flanged Reducers(Gearmotor)										Bore Code	Motors 230/460 VAC 3 Phase 60Hz			
		Gear Capacity			Efficiency	Size	Ratings			Available Stylest											
		Output Torque lb.in.	Input	Output			Motor HP	Output Torque lb.in.	Service Class	L	QC	FAN	HF	SE	HQC	RF					
29.2	60	1921	1.2	0.89	0.74	330-60	1	1601	I								B5	HUTF-5/8			
							0.75	1200	II									B5	GUTF		
							0.5	800	III									B5	FUTF		
		2281	1.4	1.06	0.75	332-60	1.5	2281	I								B7	JUTF			
							1	1629	II									B7	HUTF		
							0.75	1221	III									B5	GUTF		
		2549	1.75	1.18	0.67	332-60F	1.5	2184	I								B7	JUTF			
							1	1446	III									B7	HUTF		
		3128	1.88	1.45	0.77	338-60	1.5	2495	II								B7	JUTF			
							1	1633	III									B7	HUTF		
		3277	2.24	1.52	0.68	338-60F	2	2925	I									B7	KUTF		
							1.5	2193	II									B7	JUTF		
		6416	3.67	2.97	0.81	352-60	3	5242	I									B9	LUTF		
		6953	4.59	3.22	0.7	352-60F	5	6953	I										B9	MUTF	
							3	4542	II										B9	LUTF	
		8934	5.03	4.13	0.82	360-60	5	8878	I										B9	MUTF	
							3	5327	II										B9	LUTF	
9528	6.29	4.41	0.7	360-60F	5	7571	II										B9	MUTF			
21.9	80	222	0.15	0.08	0.53	313-80	0.17	222	I									B5	CUTF		
		318	0.21	0.11	0.53	315-80	0.17	259	II									B5	CUTF		
		387	0.22	0.13	0.61	318-80	0.25	387	I									B5	DUFT		
							0.17	298	II									B5	CUTF		
		634	0.38	0.22	0.58	321-80	0.33	551	I									B5	EUTF		
							0.25	418	II									B5	DUTF		
		1069	0.57	0.37	0.65	326-80	0.5	936	I										B5	FUTF	
							0.33	623	III										B5	EUTF	
		1795	0.95	0.62	0.65	332-80	1	1795	I											B5	HUTF-5/8
							0.75	1404	II											B5	GUTF
17.5	100	0.5	936	III															B5	FUTF	
		138	0.08	0.04	0.47	313-100	0.17	138	I										B5	CUTF	
		251	0.15	0.07	0.47	315-100	0.17	251	I										B5	CUTF	
		323	0.17	0.09	0.53	318-100	0.17	323	I										B5	CUTF	
		503	0.27	0.14	0.52	321-100	0.25	468	I											B5	DUTF
							0.17	318	II										B5	CUTF	
		757	0.39	0.21	0.54	326-100	0.33	642	I											B5	EUTF
							0.25	486	II										B5	DUTF	
		1414	0.65	0.39	0.6	332-100	0.17	330	III											B5	CUTF
							0.5	1080	II											B5	FUTF
0.33	313	III															B5	EUTF			

JRT GEAR UNITS & GEARMOTORS

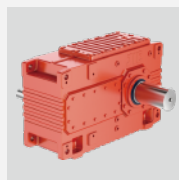


JRTR
Helical Inline Gearmotors
Size: 09-189
Ratio: 3.37-289.74
Input power: 0.16-340HP
Output torque: 21-499633 lb-in

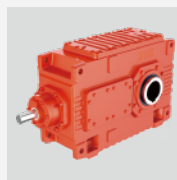


JRTF
Parallel Shaft Helical Gearmotors
Size: 29-169
Ratio: 3.77-281.71
Input power: 0.16-340HP
Output torque: 31-328333 lb-in

JRH INDUSTRIAL GEAR UNITS

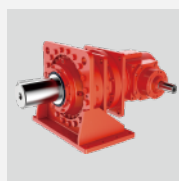


JRHH
Parallel Shaft Gear Units
Size: 3-28
Ratio: 1.25-450
Input power: 5.85-14306HP
Output torque: 20341-12381600 lb-in



JRHB
Helical Bevel Gear Units
Size: 4-28
Ratio: 5-400
Input power: 3.81-6677HP
Output torque: 48642-12381600 lb-in

JRP PLANETARY GEAR UNITS



JRP
Planetary Gear Units
Size: 9-36
Ratio: 25-4000
Input power: 0.54-17597HP
Output torque: 194568-229994400 lb-in



JRP
Planetary Gear Units
Size: 01-8
Ratio: 3.08-3460
Input power: 0.03-261HP
Output torque: 8844-114972 lb-in

JRW WORM GEAR UNITS



JRSTD
IEC Worm Gear Units
Size: 25-150
Ratio: 5-100
Input power: 0.08-20HP
Output torque: 115-13716 lb-in



JRWND
NEMA Worm Gear Units
Size: 30-150
Ratio: 5-100
Input power: 0.08-20HP
Output torque: 115-13716 lb-in

JD THREE PHASE ASYNCHRONOUS MOTORS



JDC, JCS Servo Motors & Drives
Power: 0.54-10HP
Output Torque: 11-425 lb-in
Input power: 1AC 220V/3AC 380V
Communication:
Pulse, EtherCAT, Profinet

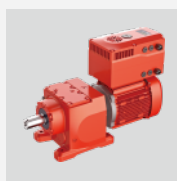


JDL
Asynchronous Servo Motor
Torque: 22-1770N.m
Speed: 1200r/min-3000r/min

JC INTELLIGENT DRIVE SOLUTIONS



JC
Intelligent Drive Solutions
Industrial Drive Solutions incl
Reducers, Motors, Converters,
Sensors, Internet of Things, etc.



JCMC VFD Gearmotors
Size: 175-255
Power: 1-7HP
Input Power: 3AC 380-440V
Output Frequency: 0-200Hz
Communication:
ModbusRTU, Profinet, ASi

MORE OPTIONS



JRES(R-K)
Stainless Steel Helical Gearmotors
Size: 37-67
Ratio: 3.41-199.81
Input power: 0.24-10HP
Output torque: 106-8048 lb-in



JRES
Stainless Steel Worm Gearmotors
Size: 30-90
Ratio: 7.5-100
Input power: 0.08-5.4HP
Output torque: 23-4053 lb-in



JRGC
Transfer Case
Size: 0401, 1501
Ratio: 0.589, 0.659, 0.756, 0.825
Max. Output Torque(Pump): 12303 lb-in
Max. Output Torque(Working Shift): 353760 lb-in



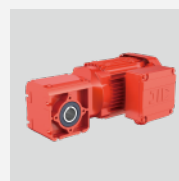
JN
Agricultural Machinery Gear Units
Ratio: 0.364-2.33
Input Speed: 800r/min
Efficiency: ≥96%



JRTK
Helical-Bevel Gearmotors
Size: 39-189
Ratio: 3.98-197.37
Input power: 0.16-272HP
Output torque: 88-555403 lb-in



JRTS
Helical-Worm Gearmotors
Size: 39-99
Ratio: 3.97-288
Input power: 0.16-30HP
Output torque: 88-43336 lb-in



JRTW
Helical Face Gearmotor
Size: 10-30
Ratio: 6.57-75
Input power: 0.12-1.5HP
Output torque: 221-619 lb-in



JRHD
Bucket Elevator Gear Units
Size: 5-16
Ratio: 25-71
Input power: 21.8-1775HP
Output torque: 97284-1530012 lb-in



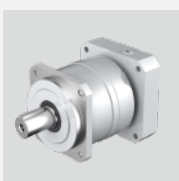
JRHO
Palm Oil Gear Units
Size: 310
Ratio: 56, 80
Input power: 144, 191HP
Output torque: 663300 lb-in



JRHA
Cooling Tower Gear Units
Size: 166
Ratio: 14
Input power: 310HP
Output torque: 185724 lb-in



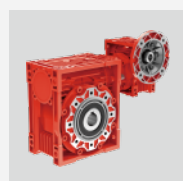
JRPH
Rotary Planetary Gear Units
Size: 08-100
Ratio: 3.4-2000
Input power: 102-340HP
Output torque: 70752-884400 lb-in



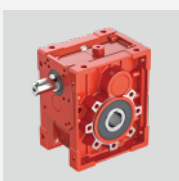
JRP RV
Inline Planetary Gear Units
Ratio: 3-100
Backlash: 1-3/3-5/5-7arc-min
Torque: 53-29185 lb-in



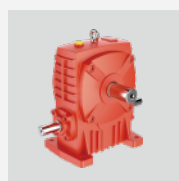
JRP RE
Right Angle Planetary Gear Units
Ratio: 3-100
Backlash: 4-9/6-11arc-min
Torque: 106-16980 lb-in



JRWNE
Double Reduction Units
Size: 25/30-63/150
Ratio: 100-5000
Input power: 0.08-2HP
Output torque: 257-23628 lb-in



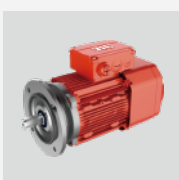
JRKM, JRKB
Hypoid Gear Units
Size: 28-68
Ratio: 7.5-300
Input power: 0.1-15HP
Output torque: 708-6637 lb-in



WPA
Worm Gears
Size: 40-250
Ratio: 10-60
Input power: 0.16-45HP
Output torque: 168-24292 lb-in



JD-IEC
IEC Standard Motors
Size: 63-315
Power: 0.16-272HP
Efficiency: IE3 IE4 IE5



JD-NEMA
NEMA Standard Motors
Size: 56C-365TC
Power: 0.16-30HP
Efficiency: NEMA Premium



JD-B
Explosion-Proof Motors
Size: 80-315
Power: 0.75-272HP
Explosion-Proof Grade: Exib II BT4
Efficiency: IE3 IE4 IE5



JCI Intelligent Monitoring System
Power: AC220V, DC24V
Communication: Wifi, 4G, RS485
Items: Vibration, Temperature, Pressure, Current
Deployment: Public Cloud, Private Cloud



JCME Distributed VFDS
Size: 175-255
Power: 1-7HP
Input power: 3*AC380-440V
Output Frequency: 0-200Hz
Communication: Profinet, ModbusRTU, ASi



JCF VFDS
Size: 175-355
Power: 1-74HP
Input power: 1*AC220/3*AC400V
Communication: Profinet, EtherCAT, CANOPEN



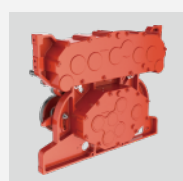
JRTH, JRTV
Front&Rear Roller Gearboxes
Size: 18-60
Ratio: 3-1800
Input power: 0.13-10HP
Output torque: 14-29136 lb-in



JRSS
Screw Lifters
Size: 35-150
Ratio: 5-40
Input power: 0.26-22HP
Lift Capacity: 1102-57431 lb-in



JRTM
Spiral Bevel Right Angle Units
Size: 2-25
Ratio: 1-5
Input power: 0.019-455HP
Input Speed: 10-1450r/min



JPF
Front&Rear Roller Gearboxes
Size: 1706-2012
Ratio: 3.04-33.568
Input power: 2-4HP
Output torque: 974-2407 lb-in



JEC
Escalator Units
Size: 2-15, 2-25
Ratio: 24.5
Efficiency: ≥96%
Working Life: 146000h
Output torque: 31219-45547 lb-in



JIE Intelligent Drive Solutions Provider
For more products, please contact JIE.
(Inch)



JIE JDRIVE

No.1, JIE Road, Hangzhou,
Zhejiang, China
Tel.: +86 571 8299 1111
E-mail: jie@jie.com.cn
Web.: www.jiedrive.com

JIE USA

279 Madsen Drive Ste 101
Bloomington IL 60108
Tel.: +1 630 580 9986
E-mail: info@jie-drives.com
Web.: www.jie-drives.com

JIE CANADA

130 Rue de l'Émissaire Drummondville,
Québec J2E 1S4 Canada
Tel.: +1 819 850 9886
E-mail: info@jie-drives.com
Web.: www.jie-drives.com

JIE EURONORM

Hub van Doorneweg 8, 2171 KZ
Sassenheim, Netherlands
Tel.: +31 252 228 850
E-mail: info@jie-euronorm.com
Web.: www.jie-euronorm.com